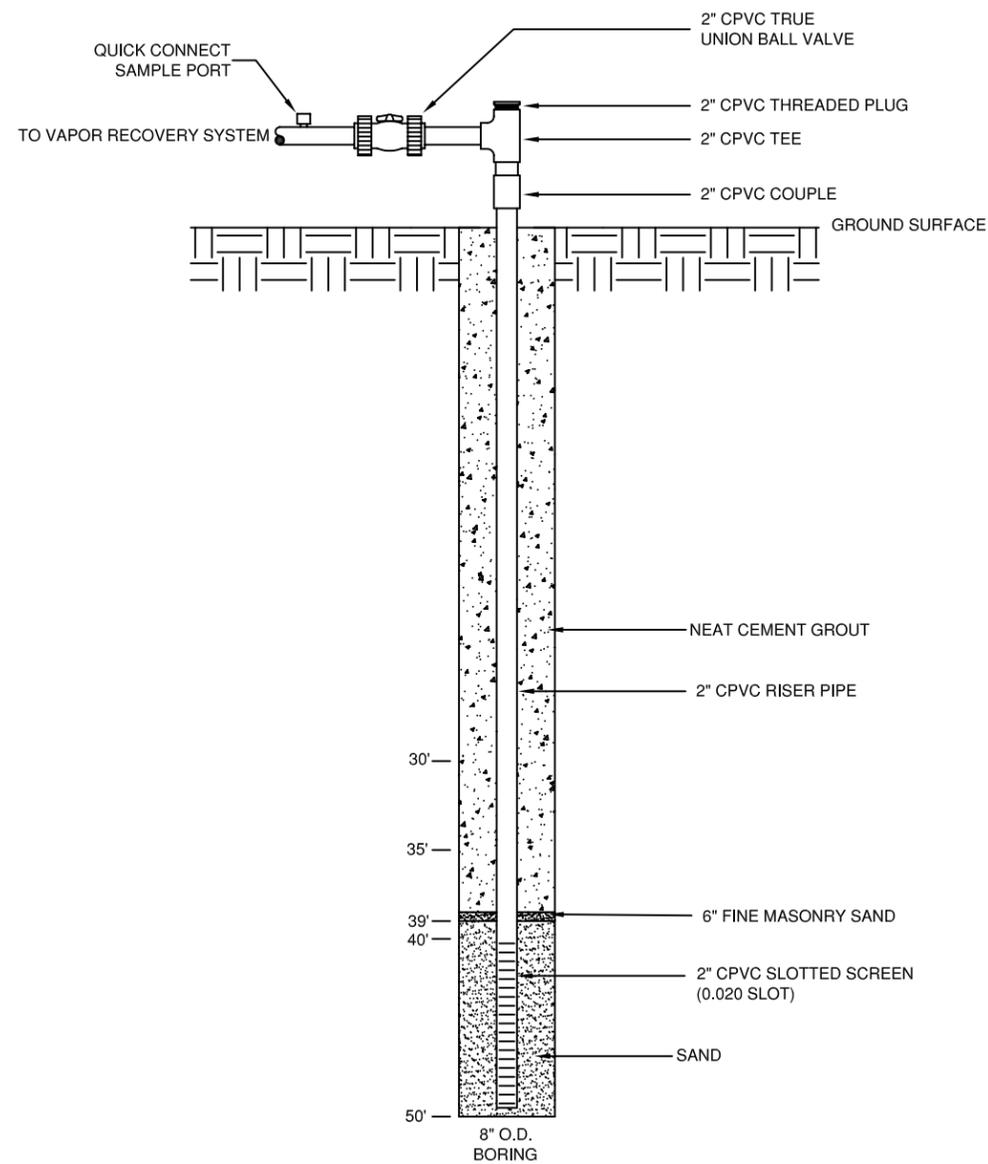
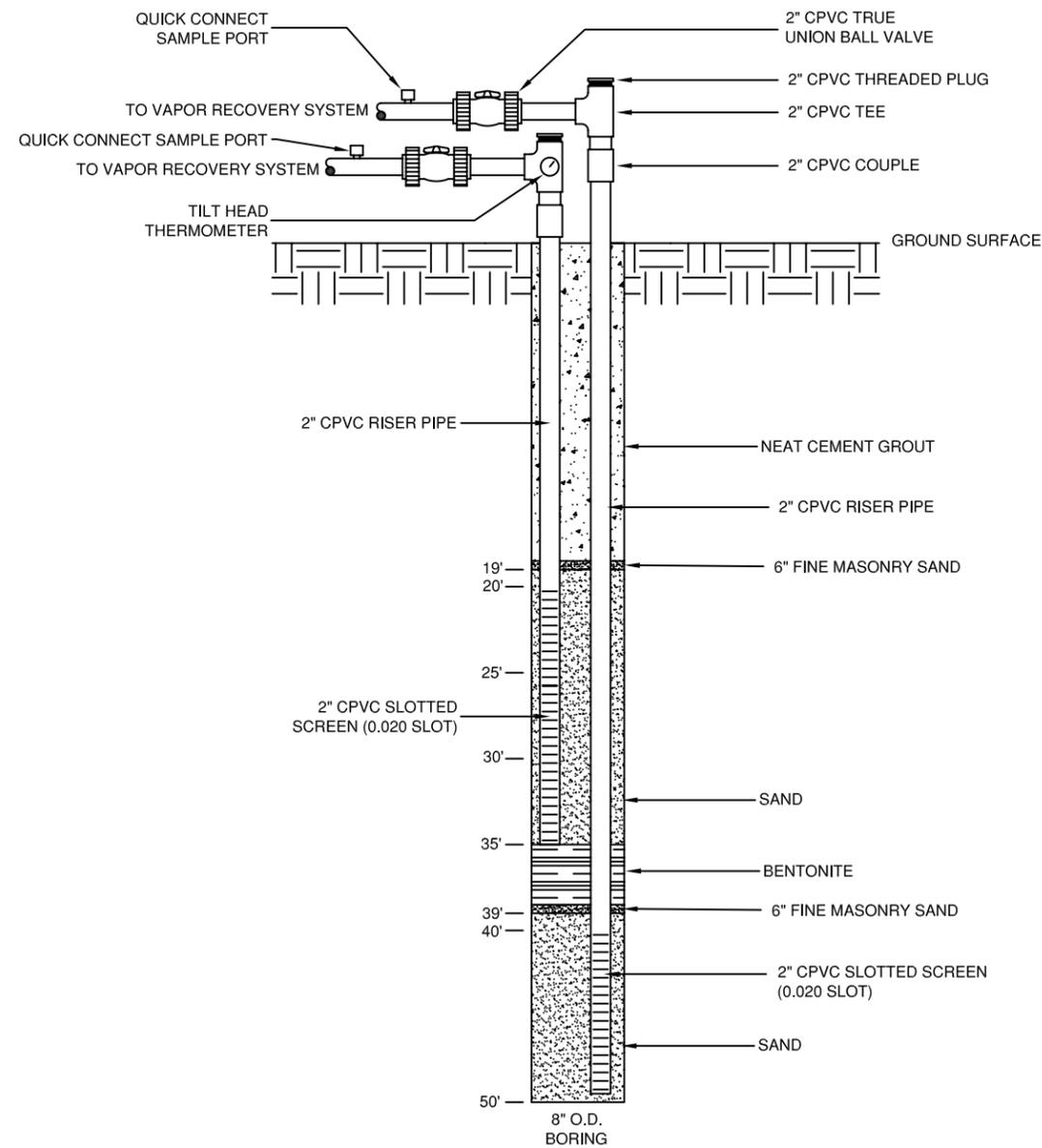


NOTES:

1. THE LOWER VADOSE ZONE WELLS ARE INTENDED FOR THE EXTRACTION OF HEATED VAPORS FROM THE ERH TREATMENT AREA. THE WELL DESIGN, SPACING AND CONSTRUCTION SHALL BE DETERMINED BY THE ERH CONTRACTOR AND APPROVED BY THE PROJECT ENGINEER.
2. THE LOWER VADOSE ZONE WELLS, WELL HEADS, VAULTS AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATION DIVISION 1-GENERAL REQUIREMENTS, DIVISION 2-SITE WORK AND DIVISION 3-CONCRETE.
3. WELL VAULTS SHALL BE CONSTRUCTED TO H-10 LOADING REQUIREMENTS IN THE ERH TREATMENT AREA UNLESS OTHERWISE SPECIFIED BY THE ERH CONTRACTOR.
4. WELLHEAD PLUMBING MAY BE CONSTRUCTED AS DESIGN/BUILD IN ORDER TO REDUCE VAULT SIZE REQUIREMENTS, IMPROVE WORKING AREA/ACCESS OR ACCOMMODATE IMPROVED MATERIALS OR EQUIPMENT; WITH APPROVAL FROM THE PROJECT ENGINEER IN COORDINATION WITH THE ERH CONTRACTOR.
5. PIPE SUPPORTS AND BRACKETS (NOT SHOWN) SHALL BE USED ACCORDING TO PIPE MANUFACTURER'S RECOMMENDATIONS.



**TRS VR WELLS
(TYPICAL 10 LOCATIONS)**
NOT TO SCALE



**CO-LOCATED TRS AND TN&A VR WELLS
(TYPICAL 10 LOCATIONS)**
NOT TO SCALE

**LOWER VADOSE ZONE
WELL SECTION AND DETAILS**

PEMACO SUPERFUND SITE
5050 EAST SLAUSON AVENUE
MAYWOOD, CALIFORNIA

| | |
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| PREPARED FOR: U.S. Environmental Protection Agency Region IX San Francisco, California | PREPARED BY: T N & Associates, Inc. & A Engineering and Science |
| SCALE: AS SHOWN | APPROVED: FINAL |
| DESIGNED: JW & GN | DATE: 5/23/07 |
| DRAWN: CBG | DRAWING |
| CHECKED: JW | REV |
| | C-7 1 |

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